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2 ELFIN (elevated field insulator) and SEP (S/D elevated by poly-Si plugging) process for ultra-thin SOI MOSFETs with high performance and high reliability

Jong-Wook Lee; Takemura, H.; Saitoh, Y.; Koh, R.; Yamagami, S.; Mogami, T.; Uto, M.; Ikezawa, N.; Takasu, N.; VLSI Technology Digest of Technical Papers 2002 Symposium, 2002 Page(s): 42-43

[Abstract] [PDF Full-Text (336 KB)] **IEEE CNF**

3 Production of NbTi CICC's for SST-1 project at IPR

Hosono, F.; Iwaki, G.; Inaba, S.; Suzuki, T.; Hiroshima, K.; Kikuchi, K.; Chida, K.; Watahiki, M.; Kamata, K.; Pradhan, S.; Sazena, Y.C.; Applied Superconductivity, IEEE Transactions on , Volume: 11 Issue: 1, Mar 2001

Page(s): 2014 -2017

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	1 LED array unit with silicon microreflector Takahashi, K.; Tadokoro, N.; Takeuti, S.; Micro Machine and Human Science, 1994. Proceedings., 1994 5th International Symposium on , 2-4 Oct 1994 Page(s): 67
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A Print Format	2 Damascene-gate thin film transistors with ultra-thin gate dielectrics Ma, E.Y.; Wagner, S.; Lasers and Electro-Optics Society Annual Meeting, 1998. LEOS '98. IEEE, Volume: 1, 1-4 Dec 1998 Page(s): 132-133 vol.1

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☐ 1. Document ID: US 6567450 B2

L4: Entry 1 of 25

File: USPT

May 20, 2003

US-PAT-NO: 6567450

DOCUMENT-IDENTIFIER: US 6567450 B2

TITLE: Very narrow band, two chamber, high rep rate gas discharge laser system

DATE-ISSUED: May 20, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Myers; David W. CA Poway Besaucele; Herve A. San Diego CA Ershov; Alexander I. San Diego CA Partlo; William N. Poway CA Sandstrom; Richard L. Encinitas CA Das; Palash P. Vista CA Anderson; Stuart L. San Diego CA Fomenkov; Igor V. San Diego CA Ujazdowski; Richard C. San Diego CA Pan; Xiaojiang J. San Diego CA Onkels; Eckehard D. San Diego CA Ness; Richard M. CA San Diego Brown; Daniel J. W. San Diego CA

US-CL-CURRENT: 372/55; 372/25, 372/57, 372/58, 372/59

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KWC Draw Desc Image

☐ 2. Document ID: US 6549431 B2

L4: Entry 2 of 25

File: USPT

Apr 15, 2003

US-PAT-NO: 6549431

DOCUMENT-IDENTIFIER: US 6549431 B2

TITLE: Method and apparatus for substantially reducing electrical earth displacement current flow generated by wound components

DATE-ISSUED: April 15, 2003

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Odell; Arthur B. Cupertino CA Park; Chan Woong San Jose CA US-CL-CURRENT: 363/21.12

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KVMC Draw Desc Image

☐ 3. Document ID: US 6498325 B1

L4: Entry 3 of 25

File: USPT

Dec 24, 2002

US-PAT-NO: 6498325

DOCUMENT-IDENTIFIER: US 6498325 B1

TITLE: Modular induction heated cooking hob having reduced radiation and a method of

making the same

DATE-ISSUED: December 24, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Akel; Dominique Paris FR
Schlumberger; Henri Paris FR

US-CL-CURRENT: 219/624; 219/627, 219/673, 219/675, 336/225, 336/232

Full Title Citation Front Review Classification Date Reference Sequences Attachments Claims KMC Draw Desc Image

☐ 4. Document ID: US 6477193 B2

L4: Entry 4 of 25

File: USPT

Nov 5, 2002

US-PAT-NO: 6477193

DOCUMENT-IDENTIFIER: US 6477193 B2

TITLE: Extreme repetition rate gas discharge laser with improved blower motor

DATE-ISSUED: November 5, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Oliver; I. Roger San Diego CA Partlo; William N. Poway CA

US-CL-CURRENT: 372/58; 372/34, 372/98

Full Title Citation Front Review Classification Date Reference Sequences Attachments [KMC | Draw Desc | Image]

☐ 5. Document ID: US 6462714 B1

L4: Entry 5 of 25 File: USPT Oct 8, 2002

US-PAT-NO: 6462714

DOCUMENT-IDENTIFIER: US 6462714 B1

TITLE: Wireless handset using a slot antenna

DATE-ISSUED: October 8, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Okabe; Hiroshi Kokubunji JP Takei; Ken Kawasaki JP

US-CL-CURRENT: 343/767; 343/700MS

Full Title Citation Front Review Classification Date Reference Sequences Attachments

☐ 6. Document ID: US 6442181 B1

L4: Entry 6 of 25

File: USPT

Aug 27, 2002

US-PAT-NO: 6442181

DOCUMENT-IDENTIFIER: US 6442181 B1

TITLE: Extreme repetition rate gas discharge laser

DATE-ISSUED: August 27, 2002

INVENTOR-INFORMATION:

STATE ZIP CODE COUNTRY NAME CITY Oliver; I. Roger San Diego CA CA Partlo; William N. Poway Ness; Richard M. San Diego CA Sandstrom; Richard L. Encinitas CA Anderson: Stuart L. San Diego CA La Jolla CA Ivaschenko; Alex P. CA Howey; James K. Vista CA Kulgeyko; Vladimir San Diego La Jolla CA Hueber; Jean-Marc Birx; Daniel L. late of Potomac MD

US-CL-CURRENT: 372/25; 372/37, 372/38.1, 372/57

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMC Draw Desc Image

7. Document ID: US 6404317 B1

L4: Entry 7 of 25

File: USPT

Jun 11, 2002

US-PAT-NO: 6404317

DOCUMENT-IDENTIFIER: US 6404317 B1

TITLE: Planar magnetic element

DATE-ISSUED: June 11, 2002

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Mizoguchi; Tetsuhiko Yokohama JP Sato; Toshiro Yokohama JP Sahashi; Masashi Yokohama JΡ Hasegawa; Michio Yokohama JP Tomita; Hiroshi Tokyo JP Sawabe; Atsuhito Yokosuka JP

US-CL-CURRENT: 336/200; 336/232, 336/83

Full Title Citation Front Review Classification Date Reference Sequences Attachments KOMC Draw Desc Image

☐ 8. Document ID: US 6396113 B1

L4: Entry 8 of 25

File: USPT

May 28, 2002

US-PAT-NO: 6396113

DOCUMENT-IDENTIFIER: US 6396113 B1

TITLE: Active trench isolation structure to prevent punch-through and junction leakage

DATE-ISSUED: May 28, 2002

INVENTOR - INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Fujinaga; Masato Tokyo JP Kunikiyo; Tatsuya JΡ Tokyo

US-CL-CURRENT: 257/397; 257/E21.546, 257/E21.572, 257/E21.628, 257/E29.009, 438/297,

438/439

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWWC Draw Desc Image

☐ 9. Document ID: US 6240112 B1

L4: Entry 9 of 25

File: USPT

May 29, 2001

US-PAT-NO: 6240112

DOCUMENT-IDENTIFIER: US 6240112 B1

TITLE: High pulse rate pulse power system with liquid cooling

DATE-ISSUED: May 29, 2001

INVENTOR - INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Partlo; William N. CA Poway Birx; Daniel L. late of Oakley CA Birx; Deborah L. MD Potomac Ness; Richard M. San Diego CA Rothweil; Daniel A. Poway CA

Melcher; Paul C. El Cajon CA CA

Smith; Brett D. San Diego US-CL-CURRENT: 372/34; 372/25, 372/38.04, 372/57, 372/69

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMC Draw Desc Image

☐ 10. Document ID: US 6137392 A

L4: Entry 10 of 25

File: USPT

Oct 24, 2000

US-PAT-NO: 6137392

DOCUMENT-IDENTIFIER: US 6137392 A

TITLE: Transformer for switched mode power supplies and similar applications

DATE-ISSUED: October 24, 2000

INVENTOR - INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Herbert; Edward

Canton

CT

06019-2029

US-CL-CURRENT: 336/175; 323/339, 323/361, 363/24

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWC Draw Desc Image

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wire\$2)	

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☐ 11. Document ID: US 6087922 A

L4: Entry 11 of 25

File: USPT

Jul 11, 2000

US-PAT-NO: 6087922

DOCUMENT-IDENTIFIER: US 6087922 A

TITLE: Folded foil transformer construction

DATE-ISSUED: July 11, 2000

INVENTOR-INFORMATION:

Smith; David A.

NAME

CITY

Full Title Citation Front Review Classification Date Reference Sequences Attachments

STATE

ZIP CODE

COUNTRY

Cumnor Hill GB

US-CL-CURRENT: 336/223; 336/200, 336/232

1600C Draw Desc Image

☐ 12. Document ID: US 5801521 A

L4: Entry 12 of 25

File: USPT

Sep 1, 1998

US-PAT-NO: 5801521

DOCUMENT-IDENTIFIER: US 5801521 A

TITLE: Planar magnetic element

DATE-ISSUED: September 1, 1998

 ${\tt INVENTOR-INFORMATION:}$

COUNTRY NAME CITY STATE ZIP CODE Mizoguchi; Tetsuhiko Yokohama JΡ Sato; Toshiro Yokohama JP JΡ Sahashi; Masashi Yokohama Hasegawa; Michio Yokohama JΡ Tomita; Hiroshi Tokyo JP Sawabe; Atsuhito Yokosuka JP

US-CL-CURRENT: 323/282; 29/602.1, 336/200, 336/212, 336/218, 336/83

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWWC Draw Desc Image

☐ 13. Document ID: US 5737178 A

L4: Entry 13 of 25

File: USPT

Apr 7, 1998

US-PAT-NO: 5737178

DOCUMENT-IDENTIFIER: US 5737178 A

TITLE: Monocrystalline ceramic coating having integral bonding interconnects for

electrostatic chucks

DATE-ISSUED: April 7, 1998

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Herchen; Harald

San Jose

CA

US-CL-CURRENT: 361/234; 118/401

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KMC Draw Desc Image

☐ 14. Document ID: US 5583474 A

L4: Entry 14 of 25

File: USPT

Dec 10, 1996

US-PAT-NO: 5583474

DOCUMENT-IDENTIFIER: US 5583474 A

TITLE: Planar magnetic element

DATE-ISSUED: December 10, 1996

INVENTOR - INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY Mizoguchi; Tetsuhiko Yokohama JΡ Sato; Toshiro Yokohama JΡ Sahashi; Masashi Yokohama JΡ Hasegawa; Michio Yokohama JP Tomita; Hiroshi Tokyo JΡ Sawabe; Atsuhito Yokosuka JP

US-CL-CURRENT: 336/83; 336/200, 336/212, 336/218, 336/233

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Draw Desc Image

☐ 15. Document ID: US 5568365 A

L4: Entry 15 of 25

File: USPT

Oct 22, 1996

US-PAT-NO: 5568365

DOCUMENT-IDENTIFIER: US 5568365 A

** See image for Certificate of Correction **

TITLE: High output, compact power supply

DATE-ISSUED: October 22, 1996

INVENTOR-INFORMATION:

COUNTRY

NAME CITY STATE ZIP CODE

Hahn; Stan S. CA Moraga

Baek; Sung K. Martinez CA

US-CL-CURRENT: 361/837; 361/752, 361/828

KWC Draw Desc Image Full Title Citation Front Review Classification Date Reference Sequences Attachments

☐ 16. Document ID: US 5528155 A

L4: Entry 16 of 25 File: USPT Jun 18, 1996

US-PAT-NO: 5528155

DOCUMENT-IDENTIFIER: US 5528155 A

** See image for Certificate of Correction **

TITLE: Sensor for measuring material properties

DATE-ISSUED: June 18, 1996

INVENTOR-INFORMATION:

ZIP CODE COUNTRY NAME CITY STATE

King; Edward K. MA Cambridge Arlington MA West; Harry Bedford MA Bernardon; Edward

US-CL-CURRENT: 324/713; 156/64, 324/690

KMC Draw Desc Image Full Title Citation Front Review Classification Date Reference Sequences Attachments

☐ 17. Document ID: US 5469334 A

File: USPT Nov 21, 1995 L4: Entry 17 of 25

US-PAT-NO: 5469334

DOCUMENT-IDENTIFIER: US 5469334 A

TITLE: Plastic quad-packaged switched-mode integrated circuit with integrated

transformer windings and mouldings for transformer core pieces

DATE-ISSUED: November 21, 1995

INVENTOR - INFORMATION:

NAME STATE ZIP CODE COUNTRY CITY

CA Balakrishnan; Balu Saratoga

US-CL-CURRENT: 361/782; 174/52.4, 257/786, 257/924, 307/150, 333/185, 336/145, 336/182, 336/200, 336/223, 336/225, 336/82, 336/83, 336/98, 365/226, 365/229

Full Title Citation Front Review Classification Date Reference Sequences Attachments | KWIC | Draw Desc | Image

☐ 18. Document ID: US 5350316 A

L4: Entry 18 of 25 File: USPT Sep 27, 1994 US-PAT-NO: 5350316

DOCUMENT-IDENTIFIER: US 5350316 A

TITLE: Fluorescent-lamp leadless ballast with improved connector

DATE-ISSUED: September 27, 1994

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Van Wagener; Raymond H. Darien CT
Kulka; Robert A. Livingston NJ
Hoogmoed; Richard Hawthorne NJ
Sanders; Stuart E. Brandon MS
Bauer; Fred P. Mendenhall MS

US-CL-CURRENT: 439/460; 174/DIG.2, 336/107, 336/96

Full Title Citation Front Review Classification Date Reference Sequences Attachments

☐ 19. Document ID: US 5260678 A

L4: Entry 19 of 25

File: USPT

Nov 9, 1993

US-PAT-NO: 5260678

DOCUMENT-IDENTIFIER: US 5260678 A

TITLE: Fluorescent-lamp leadless ballast with improved connector

DATE-ISSUED: November 9, 1993

INVENTOR-INFORMATION:

NAME CITY STATE ZIP CODE COUNTRY

Van Wagener; Raymond H.

Kulka; Robert A.

Livingston

NJ

Hoogmoed; Richard

Hawthorne

NJ

Sanders; Stuart E.

Brandon

MS

Bauer; Fred P.

Mendenhall

US-CL-CURRENT: 336/96; 174/DIG.2, 336/107, 439/460, 439/562, D13/110

Full Title Citation Front Review Classification Date Reference Sequences Attachments KMIC Draw Desc Image

☐ 20. Document ID: US 5161098 A

L4: Entry 20 of 25

File: USPT

Nov 3, 1992

US-PAT-NO: 5161098

DOCUMENT-IDENTIFIER: US 5161098 A

TITLE: High frequency switched mode converter

DATE-ISSUED: November 3, 1992

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Balakrishnan; Balu

Saratoga

CA

US-CL-CURRENT: 363/144; 174/52.4, 336/205, 361/730, 363/146, 363/147

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power modules

DATE-ISSUED: March 21, 1989

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Petersen; Alan

Cupertino

CA

US-CL-CURRENT: 363/20; 307/82, 363/71

Full Title Citation Front Review Classification Date Reference Sequences Attachments

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☐ 24. Document ID: US 4694389 A

L4: Entry 24 of 25

File: USPT

Sep 15, 1987

US-PAT-NO: 4694389

DOCUMENT-IDENTIFIER: US 4694389 A

** See image for Certificate of Correction **

TITLE: Proportional transistor base drive circuit for use in power converters and

components thereof

DATE-ISSUED: September 15, 1987

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Small; Kenneth T.

Cupertino

CA

US-CL-CURRENT: 363/132; 336/170, 336/183, 363/98

Full Title Citation Front Review Classification Date Reference Sequences Attachments

KWIC Draw Desc Image

☐ 25. Document ID: US 4628432 A

L4: Entry 25 of 25

File: USPT

Dec 9, 1986

US-PAT-NO: 4628432

DOCUMENT-IDENTIFIER: US 4628432 A

TITLE: Proportional transistor base drive circuit for use in power converters

DATE-ISSUED: December 9, 1986

INVENTOR-INFORMATION:

NAME

CITY

STATE

ZIP CODE

COUNTRY

Small; Kenneth T.

Cupertino

CA

US-CL-CURRENT: 363/49; 363/26

Full Title Citation Front Review Classification Date Reference Sequences Attachments

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wire\$2)	23

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